

**From:** [MCCLINCY Matt](#)  
**To:** [BAYUK Dana](#); [ANDERSON Jim M](#); [Chip Humphrey/R10/USEPA/US@EPA](#); [Eric Blischke/R10/USEPA/US@EPA](#); [Rene Fuentes/R10/USEPA/US@EPA](#); [Cinde Donoghue](#); [Jennifer Arthur](#)  
**Subject:** FW: Gasco Offshore Investigation Plan  
**Date:** 08/07/2006 08:28 AM

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Please note NW Natural's proposed modification to their off-shore sampling strategy and date for submittal of a work plan addendum. Please plan on reviewing the addendum and providing comments to DEQ by September 15<sup>th</sup>.

Chip and Eric, if you have any concerns from the in-water RI perspective about NW Natural's proposal in lieu of moving forward with their existing plan you need to weigh in.

Matt McClincy

-----Original Message-----

**From:** John Edwards [mailto:[jedwards@anchorenv.com](mailto:jedwards@anchorenv.com)]  
**Sent:** Friday, August 04, 2006 9:20 AM  
**To:** MCCLINCY Matt  
**Cc:** (b) (6) [REDACTED] Carl Stivers; Ben Hung; John Edwards  
**Subject:** Gasco Offshore Investigation Plan

*Hello Matt,*

*During our discussions last Thursday related to the path forward at GASCO, you requested an email message with our proposed schedule to revise and resubmit the Offshore Plan. The plan will be revised to focus Phase 1 borings along the shoreline to gather groundwater quality data and geotechnical data to assess the feasibility of a potential vertical barrier. The objectives of the investigation will be to assess subsurface conditions for a potential vertical barrier and to map the depth of contaminated groundwater along the shoreline.*

*Phase 1 borings will be located approximately 100 feet apart along the entire Gasco shoreline and up to 400 feet along the adjacent Siltronics. Phase 2 investigations will be determined based on the Phase 1 results. A subset of the Phase 1 shoreline borings will be drilled to basalt bedrock. We are still discussing the intervals for groundwater and deep sediment testing and other details of the plan. The revised Offshore Plan will be submitted to DEQ on Friday, August 25th. In order to help expedite the review and approval of the revised Offshore Plan, the Phase 2 investigations will be handled in a separate addendum.*

*NW Natural cannot commit to a schedule for completing the Phase 1 shoreline borings until we resolve uncertainties about the need for a Corps permit to conduct the drilling, and about the appropriate drilling method to use. The time requirements to obtain a Corps permit could mean that we would not be able to do the drilling during low water conditions in 2006. If we use a barge mounted drill rig, it may be easier to access the shallow near shore area during higher winter water level conditions in the Willamette. As soon as we resolve the permitting and drilling method questions, we will notify DEQ about our projected schedule for doing the Phase 1 shoreline borings.*

*Please contact me with any questions or concerns.*

[John](#)

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